

FIG. 1

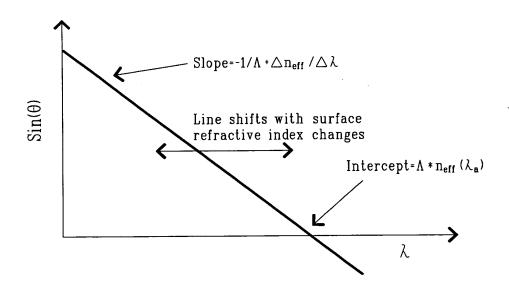


FIG. 2

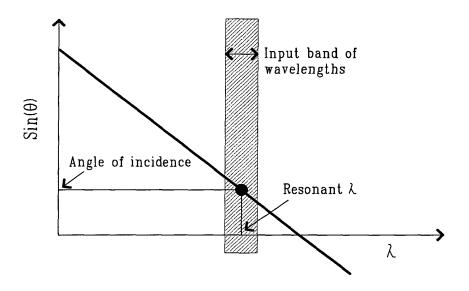


FIG. 3

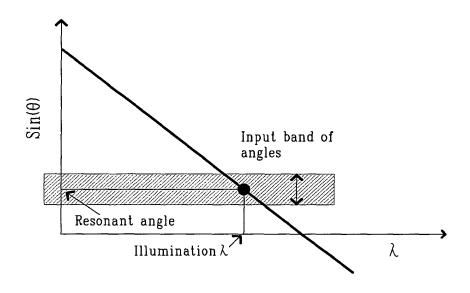


FIG. 4

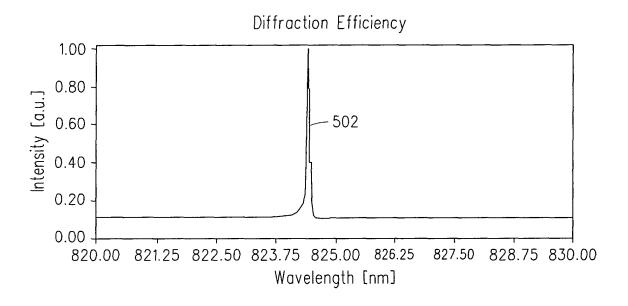


FIG. 5 (PRIOR ART)

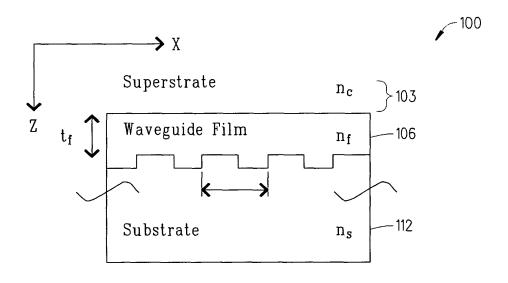


FIG. 6

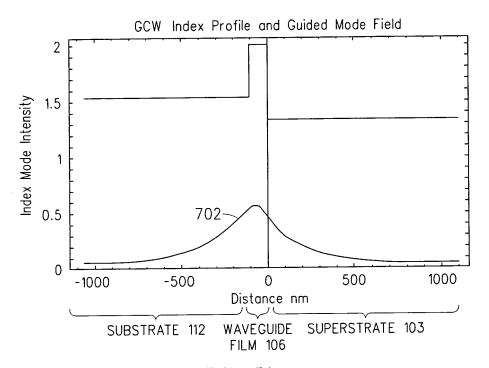


FIG. 7 (PRIOR ART)

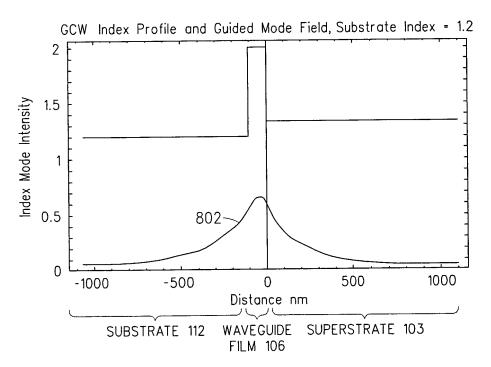
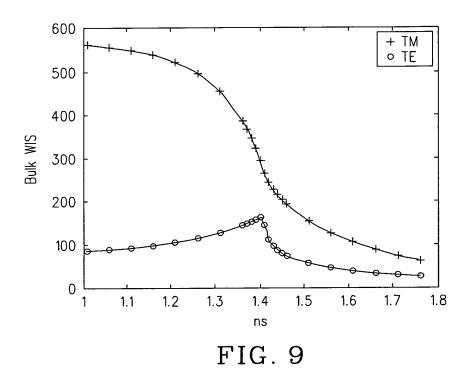


FIG. 8



GCW Index Profile and Guided Mode Field

2

1.5

1.5

1002

-1000 -500 0 500 1000

Distance nm

SUBSTRATE 112 WAVEGUIDE SUPERSTRATE 103
FILM 106

FIG. 10

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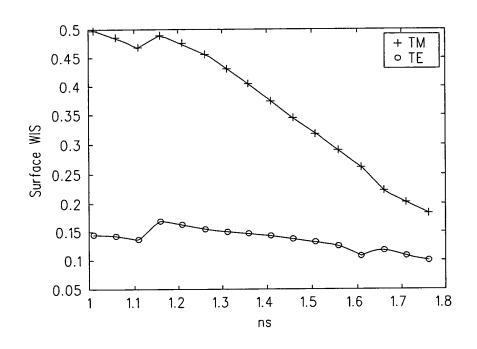


FIG. 11

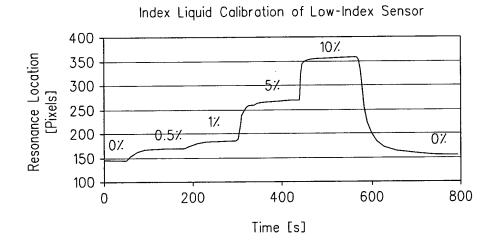


FIG. 12

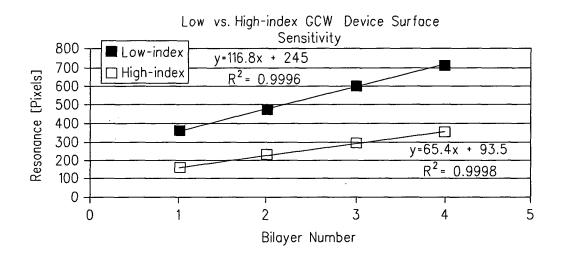


FIG. 13

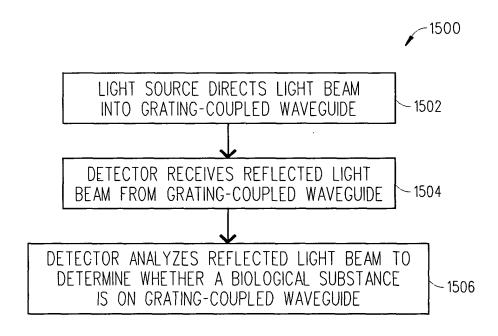


FIG. 15

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